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| PATENT APPLICATION FEE DETERMINATION RECORD<br>Substitute for Form PTO-875 |   |                                  |                                    |                | Application or Docket Number<br><b>10/684545</b> |                         |
|--|---|----------------------------------|------------------------------------|----------------|--|-------------------------|
| <b>CLAIMS AS FILED - PART I</b>  |   |                                  |                                    |                |  |                         |
| (Column 1)   |   | (Column 2)                       |                                    | SMALL ENTITY   |  | OR                      |
| FOR  | NUMBER FILED  | NUMBER EXTRA                     |                                    | RATE           | FEE  | OTHER THAN SMALL ENTITY |
| BASIC FEE<br>(37 CFR 1.16(a))  |   |                                  |                                    |                | \$   |                         |
| TOTAL CLAIMS<br>(37 CFR 1.16(c))   | 36 minus 20 =   | 16                               |                                    | X \$           | =  | X \$ 18 = 288           |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(b))                                     | 9 minus 3 =   | 6                                |                                    | X \$           | =  | X \$ 86 = 516           |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))                          |   |                                  |                                    | +              | \$   | +                       |
|  |   |                                  |                                    | TOTAL          |  | TOTAL 1574              |
| * If the difference in column 1 is less than zero, enter "0" in column 2.  |   |                                  |                                    |                |  |                         |
| <b>CLAIMS AS AMENDED - PART II</b>   |   |                                  |                                    |                |  |                         |
| (Column 1)   |   | (Column 2)                       |                                    | (Column 3)     |  | SMALL ENTITY            |
| AMENDMENT A  | 1/24/05   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA  |  | RATE                    |
|  | Total<br>(37 CFR 1.16(c))                                       | Same                             | Minus **                           | =              |  | ADDITIONAL FEE          |
|  | Independent<br>(37 CFR 1.16(b))                                 | *                                | Minus ***                          | =              |  | X \$                    |
|  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |                                    |                |  | +                       |
|  |   |                                  |                                    |                |  | TOTAL ADD'L FEE         |
| (Column 1)   |   | (Column 2)                       |                                    | (Column 3)     |  | OR                      |
| OTHER THAN SMALL ENTITY  |   | RATE                             |                                    | ADDITIONAL FEE |  | X \$                    |
| Total<br>(37 CFR 1.16(c))  |   | Minus **                         |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    | =              |  | =                       |
| Total<br>(37 CFR 1.16(c))  |   | Minus ***                        |                                    | =              |  | =                       |
| Independent<br>(37 CFR 1.16(b))  |   | Minus ***                        |                                    |                |  |                         |